

The Trac Configuration File

Error: Macro TracGuideToc(None) failed

```
'NoneType' object has no attribute 'find'
```

Trac configuration is done by editing the **trac.ini** config file, located in `<projectenv>/conf/trac.ini`. Changes to the configuration are usually reflected immediately, though changes to the `[components]` or `[logging]` sections will require restarting the web server. You may also need to restart the web server after creating a global configuration file when none was previously present.

Global Configuration

In versions prior to 0.11, the global configuration was by default located in `$prefix/share/trac/conf/trac.ini` or sometimes `/etc/trac/trac.ini` depending on the distribution. If you're upgrading, you may want to specify that file to inherit from. Literally, when you're upgrading to 0.11, you have to add an `inherit`-section to your project's `trac.ini` file. Additionally you have to move your customized templates and common images from `$prefix/share/trac/...` to the new location.

Global options will be merged with the environment-specific options, where local options override global options. The options file is specified as follows:

```
[inherit]
file = /usr/share/trac/conf/trac.ini
```

Note that you can also specify a global option file when creating a new project, by adding the option `--inherit=/path/to/global/options` to [trac-admin](#)'s `initenv` command. If you would not do this but nevertheless intend to use a global option file with your new environment, you would have to go through the newly generated `conf/trac.ini` file and delete the entries that would otherwise override those set in the global file.

Reference

This is a brief reference of available configuration options.

[agilo-general]

	Name of a ticket field that all backlogs can be filtered by (e.g., owner, sprint, component). Default: Disabled If set to True,
<code>backlog_filter_attribute</code>	
<code>burndown_should_show_working_days_only</code>	

	all days without capacity (non-working days) are hidden in the burndown. Default: False
<code>should_reload_burndown_on_filter_change_when_filtering_by_component</code>	If set to True and when filtering by component, the burndown chart will show a filtered burndown and reload on filter change. Default: False
<code>sprints_can_start_or_end_on_weekends</code>	If set to True, sprints can start or end at any day. Otherwise their start/end date is shifted to the next Monday. Default: False.
<code>use_days_for_time</code>	If set to True, all remaining times are shown as days instead of hours. Default: False

[attachment]

<code>max_size</code>	Maximum allowed file size (in bytes) for ticket and wiki attachments.
<code>render_unsafe_content</code>	Whether attachments should be rendered in the browser, or only made downloadable. Pretty much any file may be interpreted as HTML by the browser, which allows a malicious user to attach a file containing cross-site scripting attacks. For public sites where anonymous users can create attachments it is recommended to leave this option disabled (which is the default).

[batchmod]

`fields_as_list` field names modified as a value list(separated by ',')

`list_connector_string` connector string for 'list' fields

`list_separator_regex` separator regex used for 'list' fields

[browser]

`color_scale` Enable colorization of the *age* column. This uses the same color scale as the source code annotation: blue is older, red is newer. (*since 0.11*)

`downloadable_paths` List of repository paths that can be downloaded. Leave the option empty if you want to disable all downloads, otherwise set it to a comma-separated list of authorized paths (those paths are glob patterns, i.e. "*" can be used as a wild card) (*since 0.10*)

`hide_properties` Comma-separated list of version control properties to hide from the repository browser. (*since 0.9*)

`intermediate_color` (r,g,b) color triple to use for the color corresponding to the intermediate color, if two linear interpolations are used for the color scale (see `intermediate_point`). If not set, the intermediate color between `oldest_color` and `newest_color` will be used. (*since 0.11*)

`intermediate_point` If set to a value between 0 and 1 (exclusive), this will be the point chosen to set the `intermediate_color` for interpolating the color value. (*since 0.11*)

`newest_color` (r,g,b) color triple to use for the color corresponding to the newest color, for the color scale used in *blame* or the browser *age* column if `color_scale` is enabled. (*since 0.11*)

`oldest_color` (r,g,b) color triple to use for the color corresponding to the oldest color, for the color scale used in *blame* or the browser *age* column if `color_scale` is enabled. (*since 0.11*)

`oneliner_properties` Comma-separated list of version control properties to render as oneliner wiki content in the repository browser. (*since 0.11*)

`render_unsafe_content` Whether raw files should be rendered in the browser, or only made downloadable. Pretty much any file may be interpreted as HTML by the browser, which allows a malicious user to create a file containing cross-site scripting attacks. For open repositories where anyone can check-in a file, it is recommended to leave this option disabled (which is the default).

`wiki_properties` Comma-separated list of version control properties to render as wiki content in the repository browser. (*since 0.11*)

[changeset]

`max_diff_bytes` Maximum total size in bytes of the modified files (their old size plus their new size) for which the changeset view will attempt to show the diffs inlined (*since 0.10*).

`max_diff_files` Maximum number of modified files for which the changeset view will attempt to show the diffs inlined (*since 0.10*).

`wiki_format_messages` Whether wiki formatting should be applied to changeset messages. If this option is disabled, changeset messages will be rendered as pre-formatted text.

[doxygen]

default_documentation	Default documentation project, relative to [doxygen] path. When no explicit path is given in a documentation request, this path will be prepended to the request before looking for documentation files.
default_namespace	Default namespace to search for named objects in.
encoding	Default encoding used by the generated documentation files.
ext	Space separated list of extensions for doxygen managed files.
html_output	Default documentation project suffix, as generated by Doxygen using the HTML_OUTPUT Doxygen configuration setting.
index	Default index page to pick in the generated documentation.
path	Directory containing doxygen generated files.
source_ext	Space separated list of source files extensions
title	Title to use for the main navigation tab.
wiki_index	Wiki page to use as the default page for the Doxygen main page. If set, supersedes the [doxygen] index option.

[git]

cached_repository	wrap GitRepository in CachedRepository
git_bin	path to git executable (relative to trac project folder!)
persistent_cache	enable persistent caching of commit tree
shortrev_len	length rev sha sums should be tried to be abbreviated to (must be ≥ 4 and ≤ 40)

[google.analytics]

admin_logging	Disabling this option will prevent all logged in admins from showing up on your Google Analytics reports.
authenticated_logging	Disabling this option will prevent all authenticated users from showing up on your Google Analytics reports.
extensions	Enter any extensions of files you would like to be tracked as a download. For example to track all MP3s and PDFs enter: mp3,pdf Outbound link tracking must be enabled for downloads to be tracked.
google_external_path	This will be the path shown on Google Analytics regarding external links. Consider the following link: http://trac.edgewall.org/ The above link will be shown as for example: /external/trac.edgewall.org/ This way you will be able to track outgoing links. Outbound link tracking must be enabled for external links to be tracked.
outbound_link_tracking	Disabling this option will turn off the tracking of outbound links. It's recommended not to disable this option unless you're a privacy advocate (now why would you be using Google Analytics in the first place?) or it's causing some kind of weird issue.
tracking_domain_name	If you're tracking multiple subdomains with the same Google Analytics profile, like what's talked about in: https://www.google.com/support/googleanalytics/bin/answer.py?answer=55524 enter your main domain here. For more info, please visit the previous link.

uid

Google Analytics' UID. The UID is needed for Google Analytics to log your website stats. Your UID can be found by looking in the JavaScript? Google Analytics gives you to put on your page. Look for your UID in between `var pageTracker = _gat._getTracker("UA-111111-11");` in the javascript. In this example you would put UA-11111-1 in the UID box.

[graphviz]

cache_dir	The directory that will be used to cache the generated images. Note that if different than the default (gvcache), this directory must exist. If not given as an absolute path, the path will be relative to the Trac environment's directory.
cache_manager	If this entry exists and set to true in the configuration file, then the cache management logic will be invoked and the cache_max_size, cache_min_size, cache_max_count and cache_min_count must be defined.
cache_max_count	The maximum number of files that the cache should contain. This is the high watermark for the directory entry count.
cache_max_size	The maximum size in bytes that the cache should consume. This is the high watermark for disk space used.
cache_min_count	The minimum number of files that the cache should contain. This is the low watermark for the directory entry count.
cache_min_size	When cleaning out the cache, remove files until this size in bytes is used by the cache. This is the low watermark for disk space used.
cmd_path	Full path to the directory where the graphviz programs are located. If not specified, the default is /usr/bin on Linux, C:\Program Files\ATT\Graphviz\bin on Windows and /usr/local/bin on FreeBSD 6.
default_graph_dpi	Default dpi setting for graphviz, used during SVG to PNG rasterization.
encoding	The encoding which should be used for communicating with Graphviz (should match -Gcharset if given).
out_format	Graph output format. Valid formats are: png, jpg, svg, svgz, gif. If not specified, the default is png. This setting can be overridden on a per-graph basis.
png_antialias	If this entry exists in the configuration file, then PNG outputs will be antialiased. Note that this requires rsvg to be installed.
processor	Graphviz default processor. Valid processors are: dot, neato, twopi, fdp, circo. If not specified, the default is dot. This setting can be overridden on a per-graph basis. GraphvizMacro will verify that the default processor is installed and will not work if it is missing. All other processors are optional. If any of the other processors are missing, a warning message will be sent to the trac log and GraphvizMacro will continue to work.
rsvg_path	Full path to the rsvg program (including the filename). The default is <cmd_path>/rsvg.

[header_logo]

alt	Alternative text for the header logo.
height	Height of the header logo image in pixels.
link	URL to link to from header logo.
src	URL of the image to use as header logo.

`width` Width of the header logo image in pixels.

[inherit]

`plugins_dir` Path of the directory containing additional plugins. Plugins in that directory are loaded in addition to those in the directory of the environment `plugins`, with this one taking precedence. (*since 0.11*)

`templates_dir` Path to the shared templates directory. Templates in that directory are loaded in addition to those in the environments `templates` directory, but the latter take precedence. (*since 0.11*)

[logging]

`log_file` If `log_type` is `file`, this should be a path to the log-file.

`log_format` Custom logging format. If nothing is set, the following will be used: `Trac[%(module)s] %(levelname)s: %(message)s` In addition to regular key names supported by the Python logger library (see <http://docs.python.org/lib/node422.html>), one could use: `%(path)s` the path for the current environment - `%(basename)s` the last path component of the current environment - `%(project)s` the project name Note the usage of `%(...)s` instead of `%(...)s` as the latter form would be interpreted by the ConfigParser? itself. Example: `$(thread)d) Trac[%(basename)s:$(module)s] %(levelname)s: %(message)s` (*since 0.10.5*)

`log_level` Level of verbosity in log. Should be one of (`CRITICAL`, `ERROR`, `WARN`, `INFO`, `DEBUG`).

`log_type` Logging facility to use. Should be one of (`none`, `file`, `stderr`, `syslog`, `winlog`).

[milestone]

`stats_provider` Name of the component implementing `ITicketGroupStatsProvider`, which is used to collect statistics on groups of tickets for display in the milestone views.

[mimeviewer]

`enscript_modes` List of additional MIME types known by Enscript. For each, a tuple `mimetype:mode:quality` has to be specified, where `mimetype` is the MIME type, `mode` is the corresponding Enscript mode to be used for the conversion and `quality` is the quality ratio associated to this conversion. That can also be used to override the default quality ratio used by the Enscript render, which is 2 (*since 0.10*).

`enscript_path` Path to the Enscript executable.

`max_preview_size` Maximum file size for HTML preview. (*since 0.9*)

`mime_map` List of additional MIME types and keyword mappings. Mappings are comma-separated, and for each MIME type, there's a colon (":") separated list of associated keywords or file extensions. (*since 0.10*)

`php_path` Path to the PHP executable (*since 0.9*).

`pygments_default_style` The default style to use for Pygments syntax highlighting.

`pygments_modes` List of additional MIME types known by Pygments. For each, a tuple `mimetype:mode:quality` has to be specified, where `mimetype` is the MIME type, `mode` is the corresponding Pygments mode to be used for the conversion and `quality` is the quality ratio associated to this conversion. That can also be used to override the default quality ratio used by the Pygments

	render.
tab_width	Displayed tab width in file preview. (<i>since 0.9</i>)
treat_as_binary	Comma-separated list of MIME types that should be treated as binary data. (<i>since 0.11.5</i>)

[notification]

admit_domains	Comma-separated list of domains that should be considered as valid for email addresses (such as localdomain)
always_notify_owner	Always send notifications to the ticket owner (<i>since 0.9</i>).
always_notify_reporter	Always send notifications to any address in the <i>reporter</i> field.
always_notify_updater	Always send notifications to the person who causes the ticket property change and to any previous updater of that ticket.
ignore_domains	Comma-separated list of domains that should not be considered part of email addresses (for usernames with Kerberos domains)
mime_encoding	Specifies the MIME encoding scheme for emails. Valid options are 'base64' for Base64 encoding, 'qp' for Quoted-Printable, and 'none' for no encoding, in which case mails will be sent as 7bit if the content is all ASCII, or 8bit otherwise. (<i>since 0.10</i>)
smtp_always_bcc	Email address(es) to always send notifications to, addresses do not appear publicly (Bcc:). (<i>since 0.10</i>).
smtp_always_cc	Email address(es) to always send notifications to, addresses can be seen by all recipients (Cc:).
smtp_default_domain	Default host/domain to append to address that do not specify one
smtp_enabled	Enable SMTP (email) notification.
smtp_from	Sender address to use in notification emails.
smtp_from_name	Sender name to use in notification emails.
smtp_password	Password for SMTP server. (<i>since 0.9</i>).
smtp_port	SMTP server port to use for email notification.
smtp_replyto	Reply-To address to use in notification emails.
smtp_server	SMTP server hostname to use for email notifications.
smtp_subject_prefix	Text to prepend to subject line of notification emails. If the setting is not defined, then the [\$project_name] prefix. If no prefix is desired, then specifying an empty option will disable it. (<i>since 0.10.1</i>).
smtp_user	Username for SMTP server. (<i>since 0.9</i>).
ticket_subject_template	A Genshi text template snippet used to get the notification subject. By default, the subject template is \$prefix #ticket.id: \$summary.\$prefix being the value of the smtp_subject_prefix option. (<i>since 0.11</i>)
use_public_cc	Recipients can see email addresses of other CC'ed recipients. If this option is disabled (the default), recipients are put on BCC (<i>since 0.10</i>).
use_short_addr	Permit email address without a host/domain (i.e. username only) The SMTP server should accept those addresses, and either append a FQDN or use local delivery (<i>since 0.10</i>).
use_tls	Use SSL/TLS to send notifications (<i>since 0.10</i>).

[openid]

<code>absolute_trust_root</code>	Whether we should use absolute trust root or by project.
<code>black_list</code>	Comma separated list of denied OpenId? addresses.
<code>check_list</code>	JSON service for openid check.
<code>check_list_key</code>	Key for openid Service.
<code>default_openid</code>	Default OpenID provider for directed identity.
<code>gmail</code>	Specifies if gmail openid login should be enabled.
<code>pape_method</code>	Default PAPE method to request from OpenID provider.
<code>signup</code>	Signup link
<code>sreg_required</code>	Whether SREG data should be required or optional.
<code>strip_protocol</code>	Instead of using username beginning with <u>http://</u> or <u>https://</u> you can strip the beginning.
<code>strip_trailing_slash</code>	In case your OpenID is some sub-domain address OpenId? library adds trailing slash. This option strips it.
<code>timeout</code>	Specify if expiration time should act as timeout.
<code>whatis</code>	What is OpenId? link.
<code>white_list</code>	Comma separated list of allowed OpenId? addresses.

[project]

<code>admin</code>	E-Mail address of the project's administrator.
<code>admin_trac_url</code>	Base URL of a Trac instance where errors in this Trac should be reported. This can be an absolute or relative URL, or '.' to reference this Trac instance. An empty value will disable the reporting buttons. (<i>since 0.11.3</i>)
<code>descr</code>	Short description of the project.
<code>footer</code>	Page footer text (right-aligned).
<code>icon</code>	URL of the icon of the project.
<code>name</code>	Name of the project.
<code>url</code>	URL of the main project web site, usually the website in which the <code>base_url</code> resides.

[query]

<code>default_anonymous_query</code>	The default query for anonymous users. The query is either in <u>query language</u> syntax, or a URL query string starting with ? as used in <code>query:</code> <u>Trac links</u> . (<i>since 0.11.2</i>)
<code>default_query</code>	The default query for authenticated users. The query is either in <u>query language</u> syntax, or a URL query string starting with ? as used in <code>query:</code> <u>Trac links</u> . (<i>since 0.11.2</i>)
<code>items_per_page</code>	Number of tickets displayed per page in ticket queries, by default (<i>since 0.11</i>)

[recaptcha]

<code>private_key</code>
<code>public_key</code>

[openid]

require_javascript
theme

[report]

items_per_page Number of tickets displayed per page in ticket reports, by default (*since 0.11*)
items_per_page_rss Number of tickets displayed in the rss feeds for reports (*since 0.11*)

[revisionlog]

default_log_limit Default value for the limit argument in the [TracRevisionLog](#) (*since 0.11*).

[roadmap]

stats_provider Name of the component implementing `ITicketGroupStatsProvider`, which is used to collect statistics on groups of tickets for display in the roadmap views.

[search]

min_query_length Minimum length of query string allowed when performing a search.

[spam-filter]

akismet_api_key Wordpress key required to use the Akismet API.
akismet_api_url URL of the Akismet service.
akismet_karma By how many points an Akismet reject impacts the overall karma of a submission.
attachment_sample_size The number of bytes from an attachment to pass through the spam filters.
bayes_karma By what factor Bayesian spam probability score affects the overall karma of a submission.
bayes_min_training The minimum number of submissions in the training database required for the filter to start impacting the karma of submissions.
extlinks_karma By how many points too many external links in a submission impact the overall score.
ip_blacklist_karma By how many points blacklisting by a single server impacts the overall karma of a submission.
ip_blacklist_servers Servers used for IP blacklisting.
ip_throttle_karma By how many points exceeding the configured maximum number of posts per hour impacts the overall score.
logging_enabled Whether all content submissions and spam filtering activity should be logged to the database.
max_external_links The maximum number of external links allowed in a submission until that submission gets negative karma.
max_posts_by_ip The maximum allowed number of submissions per hour from a single IP address. If this limit is exceeded, subsequent permissions get negative karma.
min_karma The minimum score required for a submission to be allowed.
purge_age The number of days after which log entries should be purged.

[recaptcha]

regex_karma	By how many points a match with a pattern on the BadContent? page impacts the overall karma of a submission.
session_karma	By how many points an existing and configured session improves the overall karma of the submission. A third of the points is granted for having an existing session at all, the other two thirds are granted when the user has his name and/or email address set in the session, respectively.
trust_authenticated	Whether content submissions by authenticated users should be trusted without checking for potential spam or other abuse.
valid_email_karma	By how many points a match with a pattern on the BadContent? page impacts the overall karma of a submission.

[svn]

branches	Comma separated list of paths categorized as branches. If a path ends with '*', then all the directory entries found below that path will be included. Example: /trunk, /branches/*, /projectAlpha/trunk, /sandbox/*
tags	Comma separated list of paths categorized as tags. If a path ends with '*', then all the directory entries found below that path will be included. Example: /tags/*, /projectAlpha/tags/A-1.0, /projectAlpha/tags/A-v1.1

[ticket]

default_cc	Default cc: list for newly created tickets.
default_component	Default component for newly created tickets.
default_description	Default description for newly created tickets.
default_keywords	Default keywords for newly created tickets.
default_milestone	Default milestone for newly created tickets.
default_owner	Default owner for newly created tickets.
default_priority	Default priority for newly created tickets.
default_resolution	Default resolution for resolving (closing) tickets (<i>since 0.11</i>).
default_severity	Default severity for newly created tickets.
default_summary	Default summary (title) for newly created tickets.
default_type	Default type for newly created tickets (<i>since 0.9</i>).
default_version	Default version for newly created tickets.
max_comment_size	Don't accept tickets with a too big comment. (<i>since 0.11.2</i>)
max_description_size	Don't accept tickets with a too big description. (<i>since 0.11</i>).
preserve_newlines	Whether Wiki formatter should respect the new lines present in the Wiki text. If set to 'default', this is equivalent to 'yes' for new environments but keeps the old behavior for upgraded environments (i.e. 'no'). (<i>since 0.11</i>).
restrict_owner	If set to True, only existing users can be selected as owners of tickets. Default: False
workflow	Ordered list of workflow controllers to use for ticket actions (<i>since 0.11</i>).

[timeline]

<code>abbreviated_messages</code>	Whether wiki-formatted event messages should be truncated or not. This only affects the default rendering, and can be overridden by specific event providers, see their own documentation. (<i>Since 0.11</i>)
<code>changeset_collapse_events</code>	Whether consecutive changesets from the same author having exactly the same message should be presented as one event. That event will link to the range of changesets in the log view. (<i>since 0.11</i>)
<code>changeset_long_messages</code>	Whether wiki-formatted changeset messages should be multiline or not. If this option is not specified or is false and <code>wiki_format_messages</code> is set to true, changeset messages will be single line only, losing some formatting (bullet points, etc).
<code>changeset_show_files</code>	Number of files to show (-1 for unlimited, 0 to disable). This can also be location, for showing the common prefix for the changed files. (since 0.11).
<code>default_daysback</code>	Default number of days displayed in the Timeline, in days. (<i>since 0.9.</i>)
<code>max_daysback</code>	Maximum number of days (-1 for unlimited) displayable in the Timeline. (<i>since 0.11</i>)
<code>newticket_formatter</code>	Which formatter flavor (e.g. 'html' or 'oneliner') should be used when presenting the description for new tickets. If 'oneliner', the [timeline] abbreviated_messages option applies. (<i>since 0.11</i>).
<code>ticket_show_details</code>	Enable the display of all ticket changes in the timeline, not only open / close operations (<i>since 0.9</i>).

[trac]

<code>authz_file</code>	Path to Subversion <u>authorization (authz) file</u>
<code>authz_module_name</code>	The module prefix used in the <code>authz_file</code> .
<code>auto_reload</code>	Automatically reload template files after modification.
<code>backup_dir</code>	Database backup location
<code>base_url</code>	Reference URL for the Trac deployment. This is the base URL that will be used when producing documents that will be used outside of the web browsing context, like for example when inserting URLs pointing to Trac resources in notification e-mails.
<code>check_auth_ip</code>	Whether the IP address of the user should be checked for authentication (<i>since 0.9</i>).
<code>check_auth_ip_mask</code>	What mask should be applied to user address.
<code>database</code>	Database connection <u>string</u> for this project
<code>debug_sql</code>	Show the SQL queries in the Trac log, at DEBUG level. (<i>Since 0.11.5</i>)
<code>default_charset</code>	Charset to be used when in doubt.
<code>default_handler</code>	Name of the component that handles requests to the base URL. Options include TimelineModule, RoadmapModule, BrowserModule, QueryModule, ReportModule, TicketModule and WikiModule. The default is WikiModule. (<i>since 0.9</i>)
<code>default_timezone</code>	The default timezone to use

<code>expires</code>	Specify how fast authentication expires.
<code>htdocs_location</code>	Base URL of the core static resources.
<code>ignore_auth_case</code>	Whether login names should be converted to lower case (<i>since 0.9</i>).
<code>mainnav</code>	Order of the items to display in the <code>mainnav</code> navigation bar, listed by IDs. See also TracNavigation .
<code>metanav</code>	Order of the items to display in the <code>metanav</code> navigation bar, listed by IDs. See also TracNavigation .
<code>mysqldump_path</code>	Location of <code>mysqldump</code> for MySQL database backups
<code>never_obfuscate_mailto</code>	Never obfuscate <code>mailto:</code> links explicitly written in the wiki, even if <code>show_email_addresses</code> is false or the user has not the <code>EMAIL_VIEW</code> permission (<i>since 0.11.6</i>).
<code>permission_policies</code>	List of components implementing <code>IPermissionPolicy</code> , in the order in which they will be applied. These components manage fine-grained access control to Trac resources. Defaults to the <code>DefaultPermissionPolicy</code> ? (pre-0.11 behavior) and <code>LegacyAttachmentPolicy</code> ? (map <code>ATTACHMENT_*</code> permissions to realm specific ones)
<code>permission_store</code>	Name of the component implementing <code>IPermissionStore</code> , which is used for managing user and group permissions.
<code>pg_dump_path</code>	Location of <code>pg_dump</code> for Postgres database backups
<code>repository_dir</code>	Path to local repository. This can also be a relative path (<i>since 0.11</i>).
<code>repository_type</code>	Repository connector type. (<i>since 0.10</i>)
<code>request_filters</code>	Ordered list of filters to apply to all requests (<i>since 0.10</i>).
<code>secure_cookies</code>	Restrict cookies to HTTPS connections. When true, set the <code>secure</code> flag on all cookies so that they are only sent to the server on HTTPS connections. Use this if your Trac instance is only accessible through HTTPS. (<i>since 0.11.2</i>)
<code>show_email_addresses</code>	Show email addresses instead of usernames. If false, we obfuscate email addresses (<i>since 0.11</i>).
<code>show_ip_addresses</code>	Show IP addresses for resource edits (e.g. wiki). (<i>since 0.11.3</i>).
<code>timeout</code>	Timeout value for database connection, in seconds. Use '0' to specify <i>no timeout</i> . (<i>Since 0.11</i>)
<code>use_base_url_for_redirect</code>	Optionally use <code>[trac] base_url</code> for redirects. In some configurations, usually involving running Trac behind a HTTP proxy, Trac can't automatically reconstruct the URL that is used to access it. You may need to use this option to force Trac to use the <code>base_url</code> setting also for redirects. This introduces the obvious limitation that this environment will only be usable when accessible from that URL, as redirects are frequently used. (<i>since 0.10.5</i>)

[trac-captcha]

<code>captcha</code>	Name of the component implementing <code>ICaptcha</code> , which is used to generate actual captchas.
<code>token_key</code>	Generated private key which is used to encrypt captcha tokens.

[wiki]

<code>ignore_missing_pages</code>	Enable/disable highlighting <u>CamelCase</u> links to missing pages (<i>since 0.9</i>).
<code>max_size</code>	Maximum allowed wiki page size in bytes. (<i>since 0.11.2</i>)
<code>render_unsafe_content</code>	Enable/disable the use of unsafe HTML tags such as <code><script></code> or <code><embed></code> with the HTML <u>WikiProcessor</u> (<i>since 0.10.4</i>). For public sites where anonymous users can edit the wiki it is recommended to leave this option disabled (which is the default).
<code>split_page_names</code>	Enable/disable splitting the <u>WikiPageNames</u> with space characters (<i>since 0.10</i>).

[components]

This section is used to enable or disable components provided by plugins, as well as by Trac itself. The component to enable/disable is specified via the name of the option. Whether its enabled is determined by the option value; setting the value to `enabled` or `on` will enable the component, any other value (typically `disabled` or `off`) will disable the component.

The option name is either the fully qualified name of the components or the module/package prefix of the component. The former enables/disables a specific component, while the latter enables/disables any component in the specified package/module.

Consider the following configuration snippet:

```
[components]
trac.ticket.report.ReportModule = disabled
webadmin.* = enabled
```

The first option tells Trac to disable the [report module](#). The second option instructs Trac to enable all components in the `webadmin` package. Note that the trailing wildcard is required for module/package matching.

See the *Plugins* page on *About Trac* to get the list of active components (requires `CONFIG_VIEW` [permissions](#).)

See also: [TracPlugins](#)

[ticket-custom]

In this section, you can define additional fields for tickets. See [TracTicketsCustomFields](#) for more details.

[ticket-workflow]

(*since 0.11*)

The workflow for tickets is controlled by plugins. By default, there's only a `ConfigurableTicketWorkflow` component in charge. That component allows the workflow to be configured via this section in the `trac.ini` file. See [TracWorkflow](#) for more details.

[milestone-groups]

(since 0.11)

As the workflow for tickets is now configurable, there can be many ticket states, and simply displaying closed tickets vs. all the others is maybe not appropriate in all cases. This section enables one to easily create *groups* of states that will be shown in different colors in the milestone progress bar.

Example configuration (the default only has closed and active):

```
closed = closed
closed.order = 0                # sequence number in the progress bar
closed.query_args = group=resolution # optional extra param for the query
closed.overall_completion = true  # indicates groups that count for overall completion percentage

new = new
new.order = 1
new.css_class = new
new.label = new

active = *                      # one catch-all group is allowed
active.order = 1
active.css_class = open        # CSS class for this interval
active.label = in progress     # Displayed label for this group
```

The definition consists in a comma-separated list of accepted status. Also, '*' means any status and could be used to associate all remaining states to one catch-all group.

The CSS class can be one of: new (yellow), open (no color) or closed (green). New styles can easily be added using the following selector: `table.progress td.<class>`

[svn:externals]

(since 0.11)

The [TracBrowser](#) for Subversion can interpret the `svn:externals` property of folders out of the box. However, if those externals are *not* using the `http:` protocol, or if a link to a different repository browser (such another Trac or [ViewVC](#)) is desired, then Trac needs to be able to map an external prefix to this other URL.

This mapping is done in the `[svn:externals]` section of the [TracIni](#)

Example:

```
[svn:externals]
1 = svn://server/repos1 http://trac/proj1/browser/$path?rev=$rev
2 = svn://server/repos2 http://trac/proj2/browser/$path?rev=$rev
3 = http://theirserver.org/svn/eng-soft      http://ourserver/viewvc/svn/$path/?pathrev=25914
4 = svn://anotherserver.com/tools_repository http://ourserver/trac/support/browser/$path?rev=$rev
```

With the above, the `svn://anotherserver.com/tools_repository/tags/1.1/tools` external will be mapped to `http://ourserver/trac/support/browser/tags/1.1/tools?rev=` (and `rev` will be set to the appropriate revision number if the external additionally specifies a revision, see the [SVN Book on](#)

[externals](#) for more details).

Note that the number used as a key in the above section is purely used as a place holder, as the URLs themselves can't be used as a key due to various limitations in the configuration file parser.

See also: [TracGuide](#), [TracAdmin](#), [TracEnvironment](#)